



An Economic Workhorse with Maximum Performance



Mild steel up to 0.650"
Stainless up to 0.3"
Aluminum up to 0.250"

FL2512

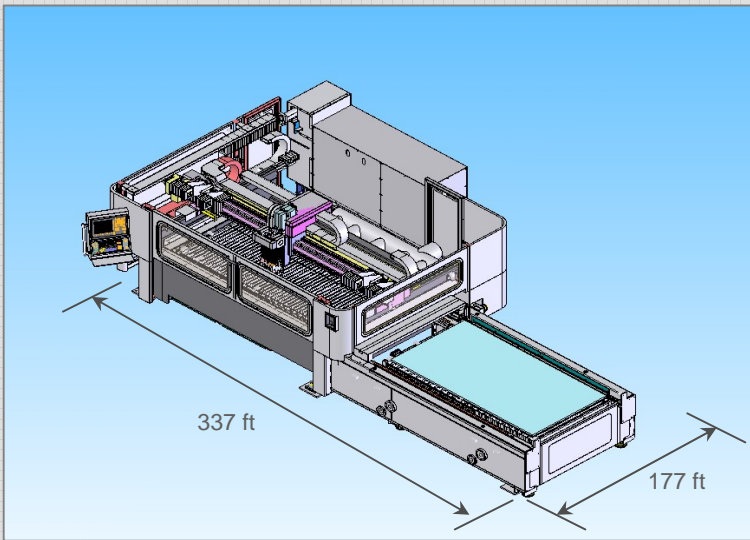
4'x8' laser cutting system with shuttle table

- 4'x8' working area
- Beam collimator
- SIEMENS-840D CNC and fine ground Rack & Pinion drive
- Quick-change cutting head with 5" and 7.5" FL Lenses
- Non-contact height sensing unit
- Advanced head moving modes
- Dynamic ramping of Power/Speed
- Edge detection with Aiming Diode Laser
- MPP (Multi Pulse Piercing)
- Built-in beam purge air filtration system
- Flexible configurations – Single Table / Dual Table
- Work clamping device (Standard for single table)
- Ball transfer lifter (Standard for Single table)
- Auto focus control (Option)
- Cross jet nozzle (Option)
- Laser powers : 2000 watts, 2500 watts





FL2512



Options

- Auto Focus Control (AFC)
- Cross Jet Nozzle
- Dust collector
- Programming software
- Ball lifter
- Shuttle dual table

System Specifications

- | | |
|----------------------------------|-------------------------|
| • Working range | x = 96 in. (8 ft) |
| | y = 48 in. (4 ft) |
| | z = 4 in. |
| • Max positioning speed (X-axis) | 3,550 in./min |
| • Max positioning speed (Y-axis) | 3,550 in./min |
| • Max simultaneous speed | 5,020 in./min |
| • Max axis acceleration | 0.8 G |
| • Positioning accuracy | +/- 0.0004 in. /118 in. |
| • Repetition accuracy | +/-0.001 in. |
| • Cutting heads | 5.0 in. and 7.5 in. FL |
| • Controller | Siemens SINUMERIK 840D |

Maximum Cutting Data (for 2.5kw laser)

Mild steel	0.750"
Stainless steel	0.300"
Aluminum	0.250"



Hankwang USA, Inc.

1112 N. Garfield St, Lombard, IL 60148, USA
 Tel: 630-916-0200 Fax: 630-916-0300
www.hankwang.com

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